

March 20, 1973

James P. O'Reilly

Management Meeting Plans with
Nuclear Metals, Incorporated on
March 21, 1973 at 1:00 pm.

Location: Nuclear Metals Plant.
ROF Representatives: Paul R. Nelson
and Raymond H. Smith
Licensee: Wilson B. Tuffin
Director and President
(Was met with by P.C. German on
March 16 following inspection - there
is no higher authority known)

Plant Operation

License SNM-65

Once during each two or three
year period this licensee fabri-
cated CP-5 reactor fuel for
Argonne National Laboratory. This
work usually runs from

A127

six months to one year depending on the quantity of fuel ordered. This license work represents a small portion of the plants overall activities. Most of the plant effort is toward metallurgical activities on zirconium, beryllium and other exotic metal products.

License SMB 179

This source license is for fabrication of shielding devices and counterweights using depleted uranium. Up to 1972 work was of a small production however during 1972 the work load has increased due to new contracts and efforts are being expended to obtain more work.

License History

Prior to October 3, 1973 the plant was operated as the Nuclear Metals Division of Whittaker Corporation. On Oct. 3, the plant was purchased by Nuclear Metals, Incorporated (a new corporation) with W. B. Tuffin as President and Director. All licenses were transferred by DML.

Inspection History

Sept. 3 & 4, 1969 - SNM-65 and SMB-179

7 items noncompliance regarding health and safety.

Dec 2 & 3, 1969 - SNM-65 and SMB-179

Previous items corrected and no items from this inspection.

July 15-16, 1970 - SNM-65 and SMB-179

No items.

May 13-14, 1971 - SNM-65 + SMB-179
No items

Dec 14, 1971 - SNM-65
No items

July 31 - Aug 1, 1972 - SNM-65
Three items

- ① Lack of fire brigade training
- ② Lack of employee training for SNM work
- ③ Failure to perform criticality inspections

March 14-16, 1973 - SNM-65 and SMB-179
Previous items

① and ② not corrected

③ Not inspected

New items (Both licenses)

1. Failure to perform measurements of airflow on equipment and hoods.
- ②. Failure to determine stack concentrations each month.
3. Failure to perform environmental surveys.
4. Failure to survey plant clothing before releasing it to a commercial laundry.

5. Failure to adequately survey employees prior to eating, smoking or leaving plant.
 6. Failure to provide a Safety Officer as required by license. License ~~5MB-179~~ 5MB-179
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7. Failure to maintain records of material transferred.
8. Failure to assure customer receiving material were authorized by license for receipt.
9. Failure to conduct adequate surveys of in-plant airborne contamination.
10. Failure to evaluate personnel dosimeters that were contaminated.
11. Failure to perform smear and direct surveys for contamination control.
12. Failure to evaluate liquid waste releases.
13. Failure to maintain records

of material disposed of as waste.
14. Failure to properly post
material storage areas.

MEETING AGENDA

1. Purpose - P. R. Nelson
2. History and violations - Smith
3. Program Plans for Management Controls.
4. Organization Plans for Safety Officer.
5. Plans for corrective actions and completion dates.

PHILOSOPHY - Educate and persuade the licensee to implement corrective actions in a manner to preclude wave making.

R. H. Smith

cc: P. R. Nelson